

IN THE CLAIMS:

Please CANCEL claim 2, 6, 9, 12, 16, and 19 without prejudice to or disclaimer of their subject matter. Please AMEND claims 1, 3-5, 7, 8, 10, 11, 13-15, 17, 18, and 20, as follows:

1. (Currently Amended) information processing apparatus provided with a printer driver, comprising:

finishing command setting means which can set a finishing command to a printer so as to rotation-sort-output or Offset-output document data; and

layout setting means for setting a print layout of the document data;

counting means for counting the number of physical sheets to which the document data of one copy whose output is desired is allocated[[],];

print instructing means for instructing execution of printing; and

spooling means for spooling the document data as intermediate data of a data format different from that of the document data,

wherein said finishing command setting means sets the finishing command and said layout setting means sets the print layout on a print setting screen of the printer driver,

wherein said finishing command setting means can set an automatic mode in which the finishing command is left to decision of the printer driver,

wherein said layout setting means sets the number of logical pages to be allocated to one physical sheet and a layout order of the logical pages on the physical sheet, and

wherein when the automatic mode is set said finishing command setting means sets said disables the finishing command in a manner such that in the case where if the counting by said counting means shows that the document data of one copy is printed onto one physical sheet as a result of the counting by said counting means, such that the rotation sort output or the Offset output is not performed, and in the case where enables the finishing command if the counting by said counting means shows that the document data of one copy is printed onto two or more physical sheets, such that the rotation sort output or the Offset output is performed.

2. (Cancelled)

3. (Currently Amended) An apparatus according to claim 1 2, further comprising:

print instructing means for instructing execution of printing; and
spooling means for spooling said document data as intermediate data of a data format different from that of said document data;
and wherein said counting means executes the counting on the basis of said intermediate data spooled by said spooling means.

4. (Currently Amended) An apparatus according to claim 3, further comprising:

intermediate data page editing means for making a layout print control of said intermediate data on the basis of the number counted by said counting means and the print mode layout set by said print mode layout setting means;

intermediate data output means for outputting said edited intermediate data;
and

print data generating means for generating print data from said outputted intermediate data.

5. (Currently Amended) A print data generating method comprising:
a finishing command setting step which can set a finishing command to a printer so as to rotation-sort-output or Offset-output document data; and
a layout setting step of setting a print layout of the document data;
a counting step of counting the number of physical sheets to which the document data of one copy whose output is desired is allocated,
a print instructing step of instructing execution of printing; and
a spooling step of spooling the document data as intermediate data of a data format different from that of the document data,

wherein said finishing command setting step sets the finishing command and
said layout setting step sets the print layout on a print setting screen of a printer driver,
wherein said finishing command setting step can set an automatic mode in
which the finishing command is left to decision of the printer driver,

wherein said layout setting step sets the number of logical pages to be allocated to one physical sheet and a layout order of the logical pages on the physical sheet, and wherein when the automatic mode is set in said finishing command setting step, said finishing command is disabled set in a manner such that in the case where the document data of one copy is printed onto one physical sheet as a result of the counting in said counting step, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting in the counting step shows that in the case where the document data of one copy is printed onto two or more physical sheets, the rotation sort output or the Offset output is performed.

6. (Cancelled)

7. (Currently Amended) A method according to claim 5, further comprising:

~~a print instructing step of instructing execution of printing, and a spooling step of spooling said document data as intermediate data of a data format different from that of said document data;~~
and wherein the number of physical sheets is counted in said counting step on the basis of said intermediate data spooled by said spooling step.

8. (Currently Amended) A method according to claim 7, further comprising:

an intermediate data page editing step of making a layout print control of said intermediate data on the basis of the number counted by said counting step and the print mode layout set by said print mode layout setting step;

an intermediate data output step of outputting said edited intermediate data; and

a print data generating step of generating print data from said outputted intermediate data.

9. (Cancelled)

10. (Currently Amended) A computer-readable recording medium which records a program, wherein said program comprises:

a finishing command setting step which can set a finishing command to a printer so as to rotation-sort-output or Offset-output document data; and

a layout setting step of setting a print layout of the document data;

a counting step of counting the number of physical sheets to which the document data of one copy whose output is desired is allocated,

a print instructing step of instructing execution of printing; and

a spooling step of spooling the document data as intermediate data of a data format different from that of the document data,

wherein said finishing command setting step sets the finishing command and said layout setting step sets the print layout on a print setting screen of the printer driver,

wherein said finishing command setting step can set an automatic mode in which the finishing command is left to decision of the printer driver,

wherein said layout setting step means sets the number of logical pages to be allocated to one physical sheet and a layout order of the logical pages on the physical sheet, and
and when the automatic mode is set in said finishing command setting step,
said finishing command is disabled set in a manner such that in the case where the document data of one copy is printed onto one physical sheet as a result of the counting in said counting means, such that the rotation sort output or the Offset output is not performed, and enables the finishing command if the counting in the counting step shows that in the case where the document data of one copy is printed onto two or more physical sheets, such that the rotation sort output or the Offset output is performed.

11. (Currently Amended) An information processing apparatus having provided with a printer driver, comprising:

finishing command setting means which can set a finishing command to a printer so as to rotation-sort-output or Offset-output document data, comprising:

layout setting means for setting a print layout of the document data;
a user interface, provided by the printer driver, on which a user activates said finishing command setting means to set the finishing command and said layout setting means to set the print layout; and

counting means for counting the number of physical sheets to which the document data of one copy whose output is desired is allocated; and,

wherein said finishing command setting means can set the finishing command in an enabled state or in a disabled state,

wherein said layout setting means sets the number of logical pages to be allocated to one physical sheet and a layout order of the logical pages on the physical sheet, and wherein when the finishing command is set in the enabled state and the counting by said counting means shows that the document data of one copy is printed onto on physical sheet, said finishing command setting means changes the finishing command from the enabled stated to the disabled state.

~~finishing command editing means for cancelling the finishing command set so as to allow said finishing command setting means to execute the finishing operation in the case where the document data of one copy is printed onto one physical sheet as a result of the counting by said counting means.~~

12. (Cancelled)

13. (Currently Amended) An apparatus according to claim 11 +2, further comprising:

print instructing means for instructing execution of printing; and spooling means for spooling said document data as intermediate data of a data format different from that of said document data, and wherein said counting means executes the counting on the basis of said intermediate data spooled by said spooling means.

14. (Currently Amended) An apparatus according to claim 13, further comprising:

intermediate data page editing means for making a layout print control of said intermediate data on the basis of the number counted by said counting means and the print mode layout set by said print mode layout setting means;

intermediate data output means for outputting said edited intermediate data; and

print data generating means for generating print data from said outputted intermediate data.

15. (Currently Amended) A print data generating method of an information processing apparatus provided with a print driver and comprising: having

a finishing command setting unit which can set a finishing command setting step to a printer so as to rotation-sort-output or Offset-output document data, comprising:

a layout setting step of setting a print layout of the document data;

a user interface step, provided by the printer driver, on which a user performs said finishing command setting step to set the finishing command and said layout setting step to set the print layout; and

a counting step of counting the number of physical sheets to which the document data of one copy whose output is desired is allocated; and,

wherein said finishing command setting step can set the finishing command in an enabled state or in a disabled state,

wherein said layout setting step sets the number of logical pages to be allocated to one physical sheet and a layout order of the logical pages on the physical sheet, and wherein when the finishing command is set in the finishing command setting step to the enabled state and the counting in said counting step shows that the document data of one copy is printed onto on physical sheet, said finishing command setting step changes the finishing command from the enabled stated to the disabled state.

a finishing command editing step of cancelling the finishing command set so as to allow said finishing command setting unit to execute the finishing operation in the case where the document data of one copy is printed onto one physical sheet as a result of the counting in said counting step.

16. (Cancelled)

17. (Currently Amended) A method according to claim 15 + 6, further comprising:

a print instructing step of instructing data as intermediate data of a data format different from that of said document data, and wherein the counting is executed in said counting step on the basis of said intermediate data spooled by said spooling step.

18. (Currently Amended) A method according to claim 17, further comprising:

an intermediate data page editing step of making a layout print control of said intermediate data on the basis of the number counted by said counting step and the print mode layout set by said print mode layout setting step;

an intermediate data output step of outputting said edited intermediate data; and

a print data generating step of generating print data from said outputted intermediate data.

19. (Cancelled)

20. (Currently Amended) A computer-readable recording medium which records a print control program, wherein said program comprises:

a finishing command setting step of setting the finishing command to a printer so as to rotation-sort-output or offset-output document data;
layout setting step for setting a print layout of the document data;
a user interface step, provided by the printer driver, on which a user activates said finishing command setting step to set the finishing command and said layout setting step to set the print layout; and

a counting step of counting the number of physical sheets to which document data of one copy whose output is desired is allocated; and,

wherein said finishing command setting step can set the finishing command in an enabled state or in a disabled state,

wherein said layout setting step sets the number of logical pages to be allocated to one physical sheet and a layout order of the logical pages on the physical sheet, and

wherein when the finishing command is set in the finishing command setting step to the enabled state and the counting by said counting means shows that the document data of one copy is printed onto on physical sheet, said finishing command setting step changes the finishing command from the enabled stated to the disabled state.

~~a finishing command editing step of cancelling a finishing command set so as to execute a finishing operation in the case where the document data of one copy is printed onto one physical sheet as a result of the counting in said counting step.~~